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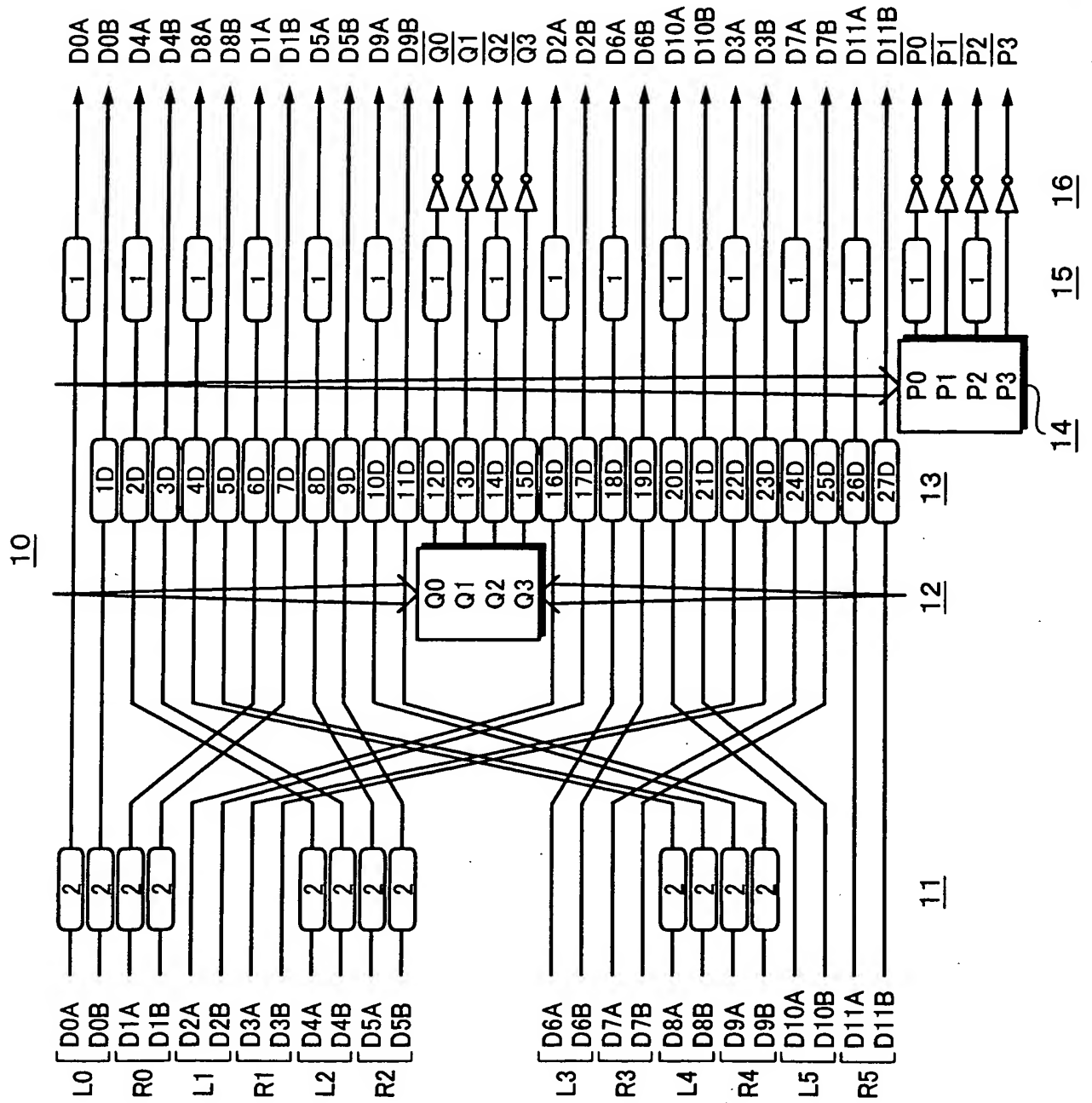


Fig. 1

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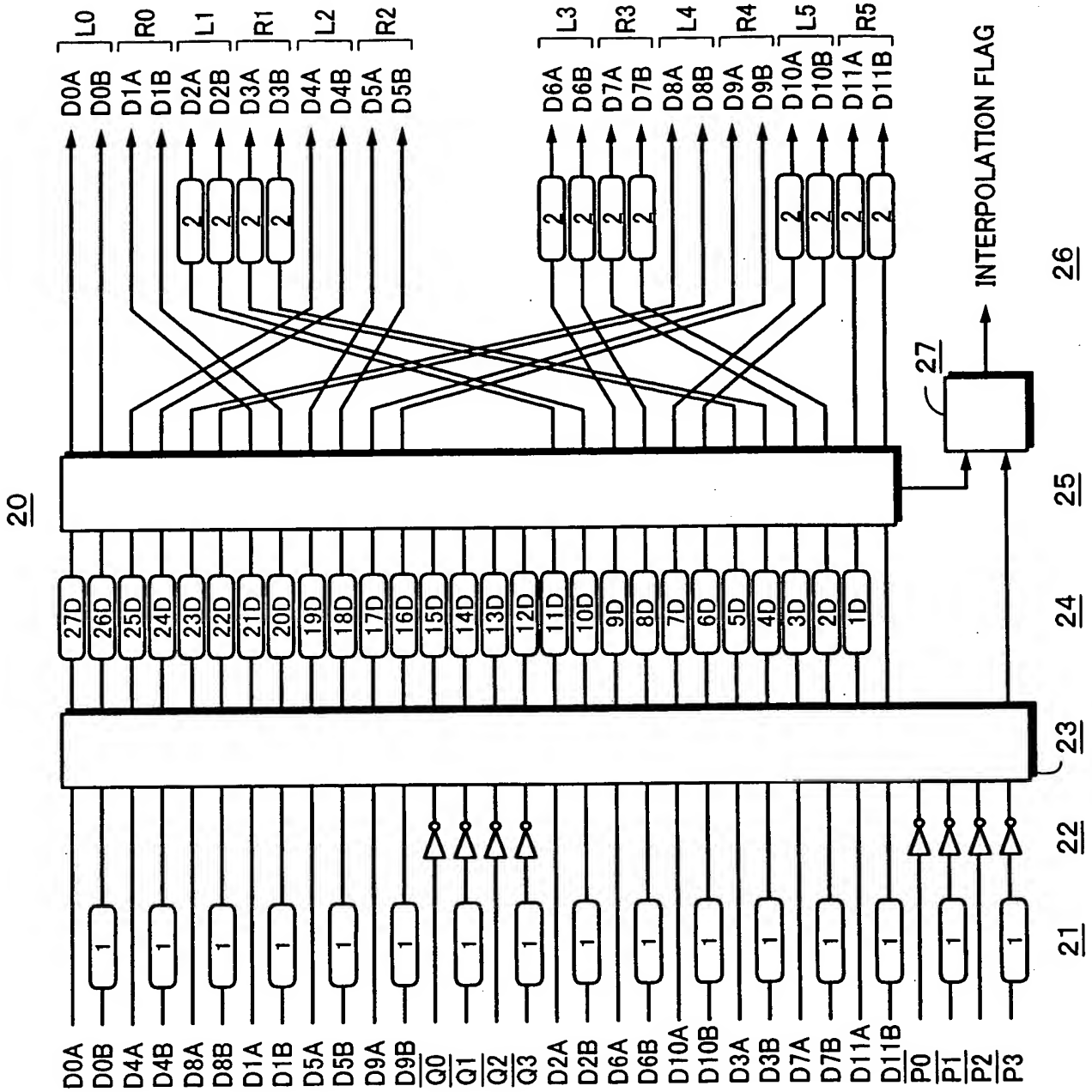


Fig. 2

10S

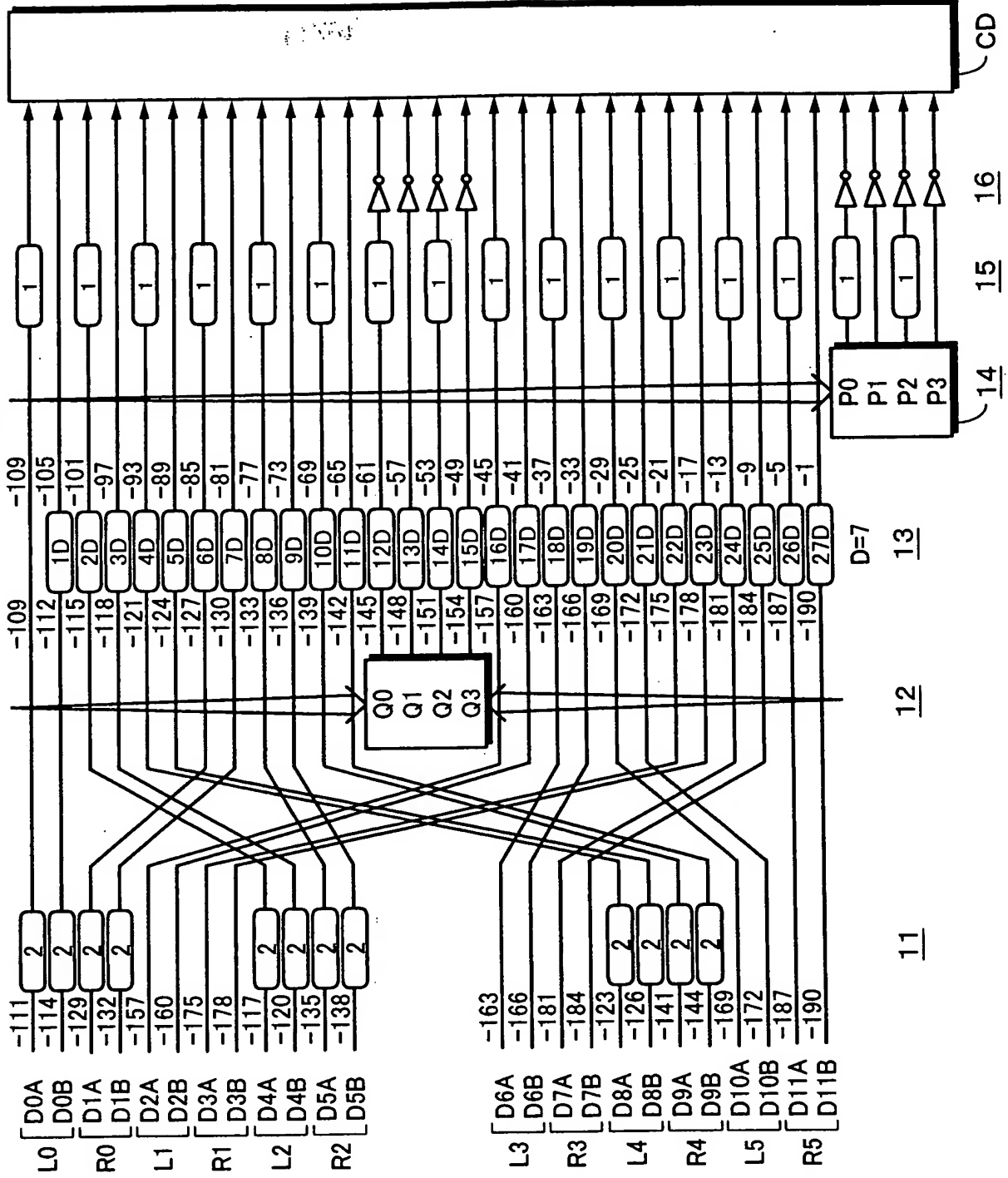


Fig. 3

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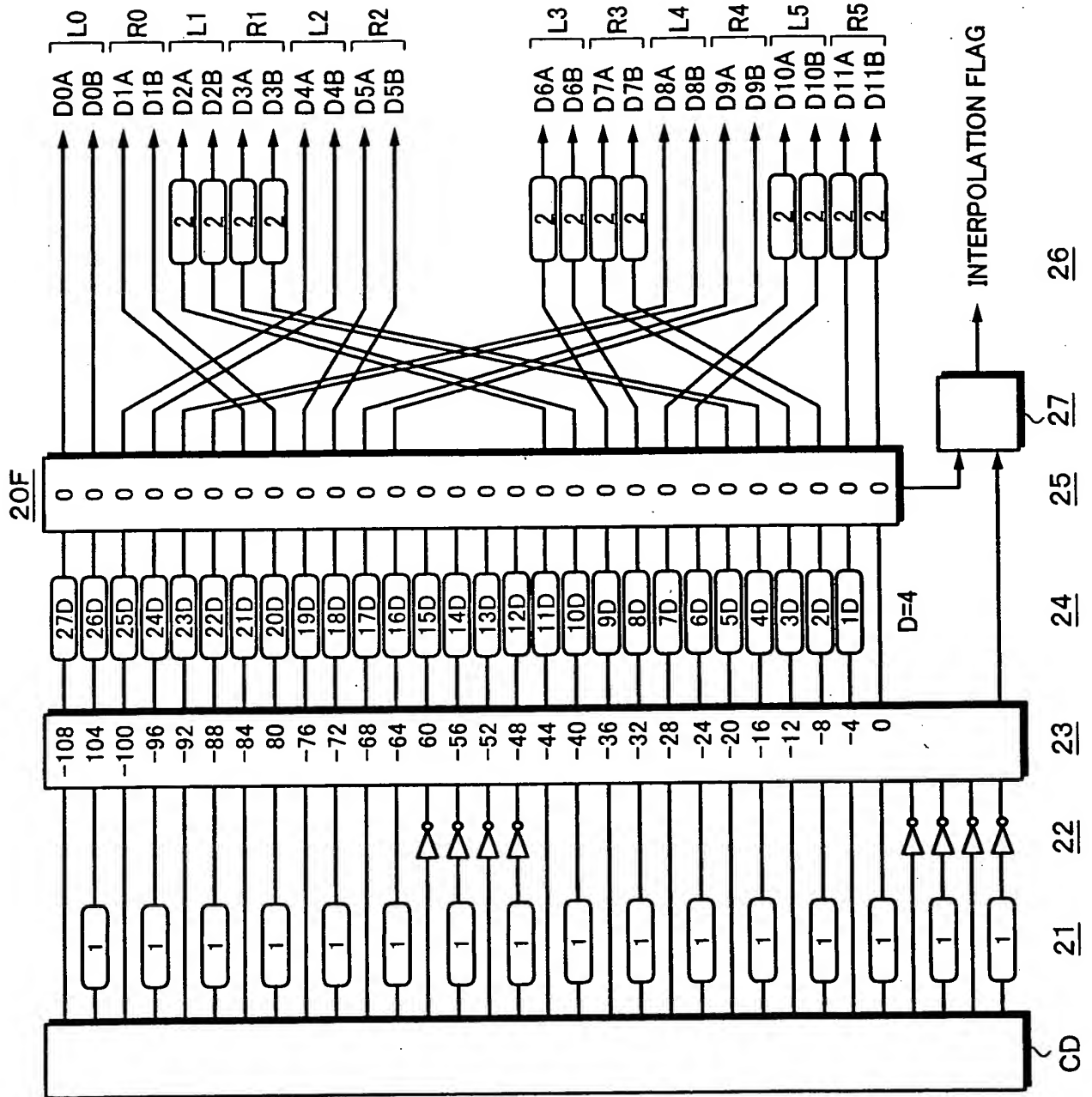


Fig. 4

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Fig. 5

DATA SYMBOL FRAME	L0		R0		L1		R1		L2		R2	
	D0B	D0A	D1B	D1A	D2B	D2A	D3B	D3A	D4B	D4A	D5B	D5A
-190												
-187												
-184												
-181												
-178							S20					
-175								S19				
-172												
-169												
-166												
-163												
-160					S14							
-157						S13						
-144												
-141												
-138											S10	
-135												S9
-132			S8									
-129				S7								
-126												
-123												
-120									S4			
-117										S3		
-114	S2											
-111		S1										

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Fig. 6

DATA SYMBOL FRAME	L3		R3		L4		R4		L5		R5	
	D6B	D6A	D7B	D7A	D8B	D8A	D9B	D9A	D10B	D10A	D11B	D11A
-190											S24	
-187												S23
-184			S22									
-181				S21								
-178												
-175												
-172									S18			
-169										S17		
-166	S16											
-163		S15										
-160												
-157												
-144							S12					
-141								S11				
-138												
-135												
-132												
-129												
-126					S6							
-123						S5						
-120												
-117												
-114												
-111												

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Fig. 7

DATA SYMBOL FRAME	L0		R0		L1		R1		L2		R2	
	D0B	D0A	D1B	D1A	D2B	D2A	D3B	D3A	D4B	D4A	D5B	D5A
-156	S2	S1	S8	S7					S4	S3	S10	S9
-154					S14	S13	S20	S19				
-153	S2	S1	S8	S7					S4	S3	S10	S9
-151					S14	S13	S20	S19				
-150	S2	S1	S8	S7					S4	S3	S10	S9
-148					S14	S13	S20	S19				
-147	S2	S1	S8	S7					S4	S3	S10	S9
-145					S14	S13	S20	S19				

Fig. 8

DATA SYMBOL FRAME	L0		R0		L1		R1		L2		R2	
	D6B	D6A	D7B	D7A	D8B	D8	D9B	D9A	D10B	D10A	D11B	D11A
-156					S6	S5	S12	S11				
-154	S16	S15	S22	S21					S18	S17	S24	S23
-153					S6	S5	S12	S11				
-151	S16	S15	S22	S21					S18	S17	S24	S23
-150					S6	S5	S12	S11				
-148	S16	S15	S22	S21					S18	S17	S24	S23
-147					S6	S5	S12	S11				
-145	S16	S15	S22	S21					S18	S17	S24	S23

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Fig. 9

DATA SYMBOL FRAME	L0		R0		L1		R1		L2		R2	
	D0B	D0A	D1B	D1A	D2B	D2A	D3B	D3A	D4B	D4A	D5B	D5A
0	S2	S1	S8	S7					S4	S3	S10	S9
1												
2					S14	S13	S20	S19				

Fig. 10

DATA SYMBOL FRAME	L3		R3		L4		R4		L5		R5	
	D6B	D6A	D7B	D7A	D8B	D8A	D9B	D9A	D10B	D10A	D11B	D11A
0					S6	S5	S12	S11				
1												
2	S16	S15	S22	S21					S18	S17	S24	S23

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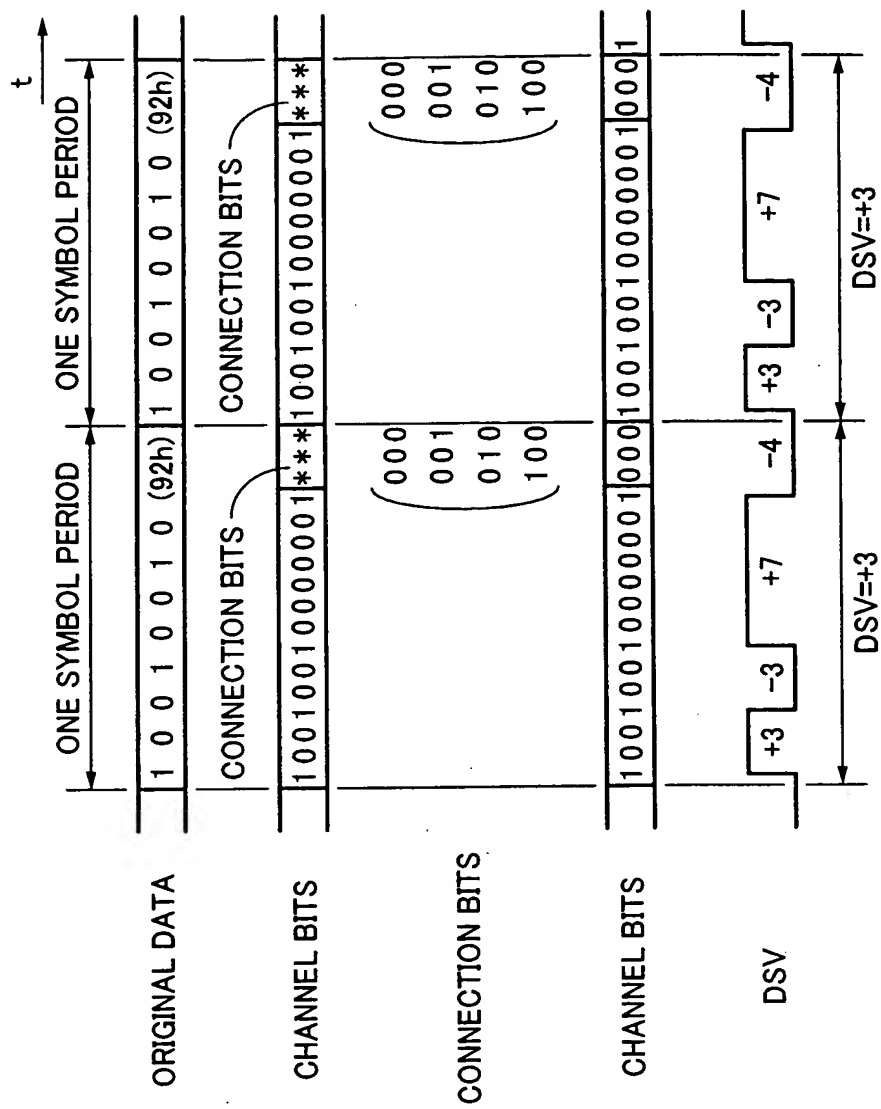


Fig. 11A

Fig. 11B

Fig. 11C

Fig. 11D

Fig. 11E

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DIRECTION IN WHICH TRACK IS REPRODUCED (TEMPORAL)

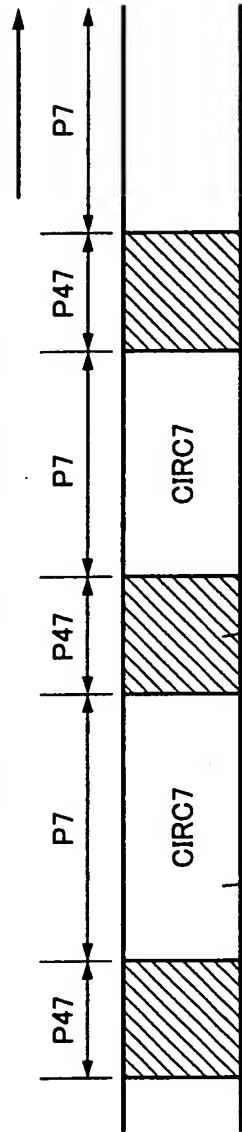


Fig. 12A

TRACK

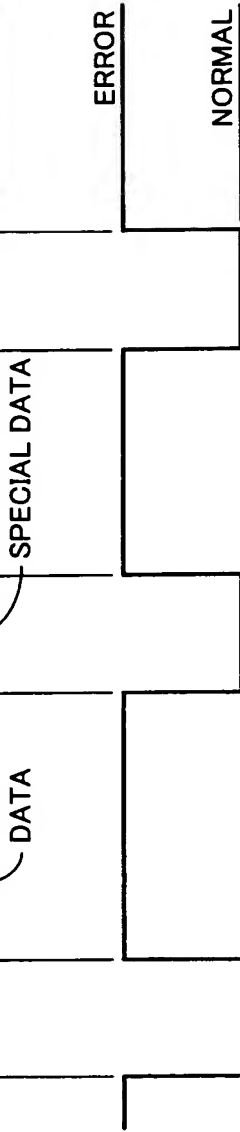


Fig. 12B

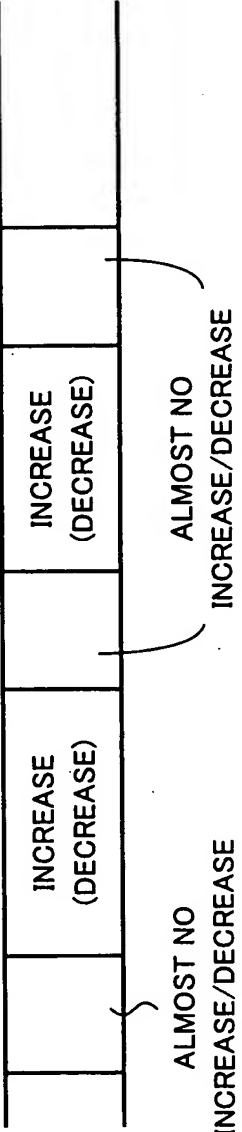
ERROR FLAG

OPTICAL DISC
ON WHICH
REPRODUCED
OUTPUT HAS BEEN
COPIED

Fig. 12C

DSV OF COPIED
OPTICAL DISC

Fig. 12D



ALMOST NO
INCREASE/DECREASE

INCREASE
(DECREASE)

INCREASE
(DECREASE)

ALMOST NO
INCREASE/DECREASE

Diagram illustrating the structure of a track on a recording medium, showing the arrangement of data and key data blocks and their dimensions.

The track structure includes the following components and dimensions:

- LI** (Lead In)
- DIGITAL AUDIO DATA**
- LO** (Lead Out)
- LI** (Lead In)
- KEY DATA K22**
- KEY DATA K24**
- DIGITAL AUDIO DATA (COMPRESSED & ENCRYPTED)**
- LO** (Lead Out)

Dimensions are indicated by arrows:

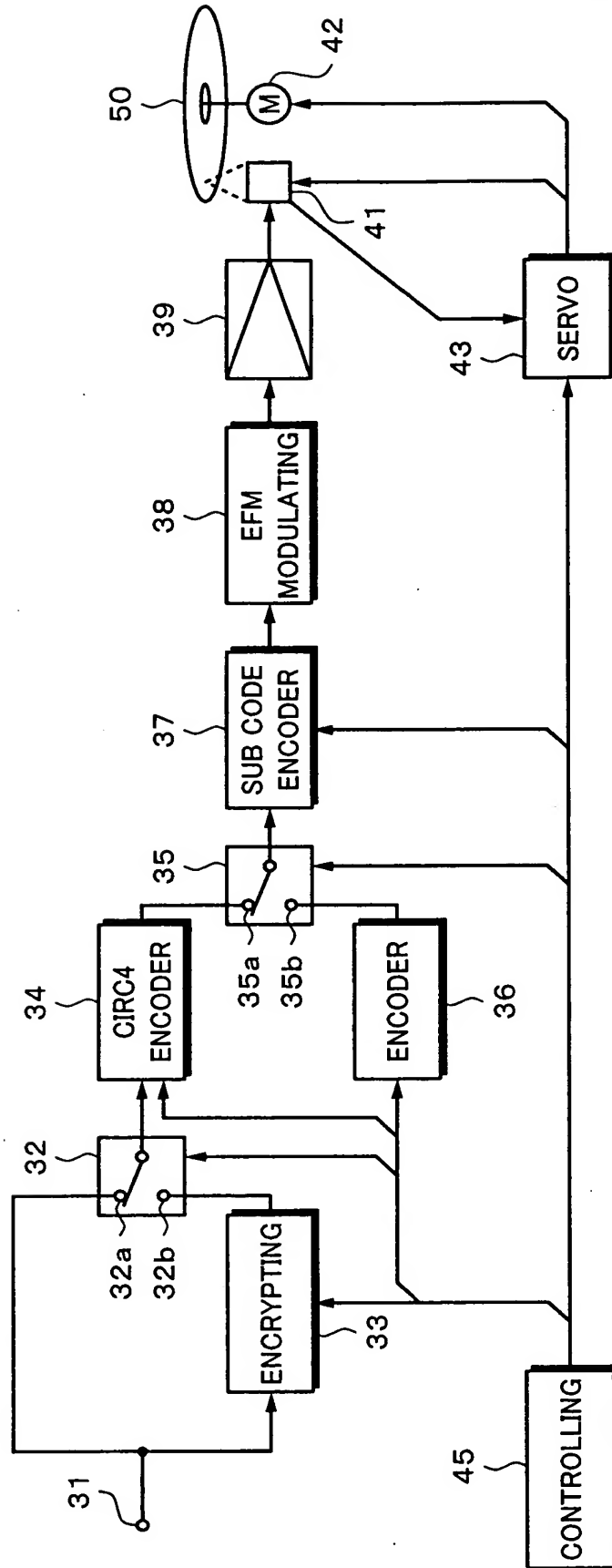
- PA1**: Dimension from the start of the first **DIGITAL AUDIO DATA** block to the start of the second **DIGITAL AUDIO DATA** block.
- PA2**: Dimension from the start of the first **DIGITAL AUDIO DATA** block to the start of the second **DIGITAL AUDIO DATA** block.
- PA21**: Dimension from the start of the first **DIGITAL AUDIO DATA** block to the start of the second **DIGITAL AUDIO DATA** block.
- PA22**: Dimension from the start of the first **DIGITAL AUDIO DATA** block to the start of the second **DIGITAL AUDIO DATA** block.
- PA23**: Dimension from the start of the first **DIGITAL AUDIO DATA** block to the start of the second **DIGITAL AUDIO DATA** block.
- PA24**: Dimension from the start of the first **DIGITAL AUDIO DATA** block to the start of the second **DIGITAL AUDIO DATA** block.

**ERROR
FLAG**

PA24 OF COPIED
OPTICAL DISC
PA24

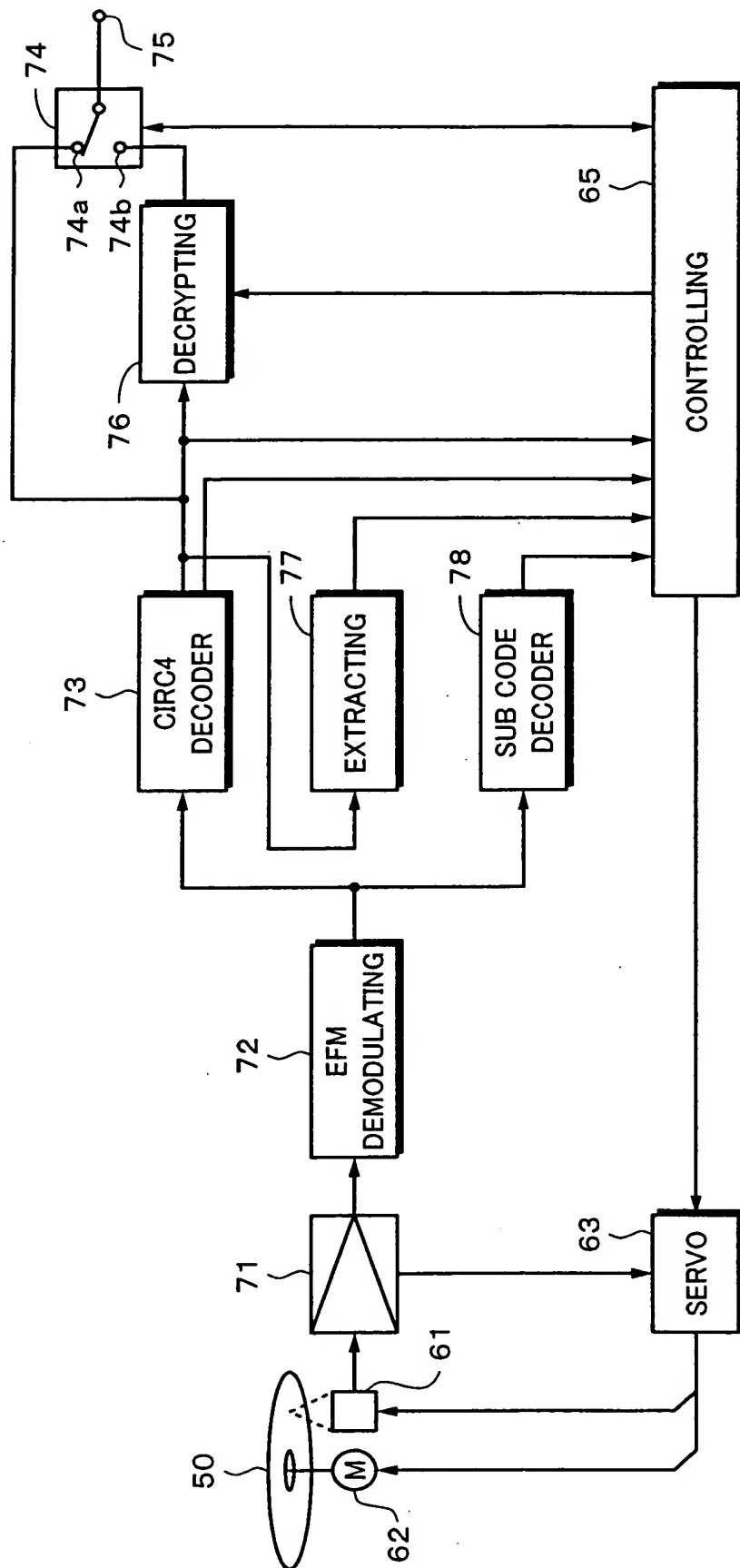
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Fig. 14



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Fig. 15



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DESCRIPTION OF REFERENCE NUMERALS

10	CIRC ENCODER CIRCUIT
10S	CIRC7 ENCODER CIRCUIT
20	CIRC DECODER CIRCUIT
20F	CIRC4 DECODER CIRCUIT
33	ENCRYPTING CIRCUIT
34	CIRC4 ENCODER CIRCUIT
36	CIRC7 ENCODER CIRCUIT
37	SUB CODE ENCODER CIRCUIT
38	EFM MODULATING CIRCUIT
41	RECORDING OPTICAL HEAD
50	OPTICAL DISC
61	REPRODUCING OPTICAL HEAD
72	EFM DEMODULATING CIRCUIT
73	CIRC4 DECODER CIRCUIT
76	DECRYPTING CIRCUIT
77	CIRC7 DECODER CIRCUIT
78	SUB CODE DECODER CIRCUIT